

**Case 3657**

**STENODERINI Selander, 1991 (Insecta, Coleoptera): proposed emendation of spelling to STENODERAINI to remove homonymy with STENODERINI Pascoe, 1867 (Insecta, Coleoptera); and STENODERINI Pascoe, 1867: proposed precedence over SYLLITINI Thomson, 1864**

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**Abstract.** The purposes of this application, under Articles 23.9.3 and 55.3 of the Code, are to conserve the usage of the family-group name STENODERINI Pascoe, 1867 (Insecta, Coleoptera, CERAMBYCIDAE) by giving it precedence over the senior but unused name SYLLITINI Thomson, 1864, and to emend the family-group name STENODERINI Selander, 1991 (Insecta, Coleoptera, MELOIDAE), a junior homonym of STENODERINI Pascoe, 1867, to STENODERAINI, thereby removing the homonymy between the two names.

**Keywords.** Nomenclature; Coleoptera; CERAMBYCIDAE, MELOIDAE; STENODERINI; STENODERAINI; SYLLITINI; *Stenoderus*; *Stenodera*; *Syllitus*; *Stenoderus suturalis*; *Stenodera caucasica*; *Syllitus grammaticus*; blister and longhorn beetles; Australia; Palaearctic.

1. Eschscholtz (1818, p. 469) established the genus *Stenodera* for a group of meloid beetles. Its type species by monotypy is *Stenodera sexpunctata* Eschscholtz, 1818 (p. 469), a junior synonym of *Meloe caucasica* Pallas, 1781 (p. 94). The genus includes eight species from the Palaearctic Region (Bologna et al., 2002; Bologna, 2008).

2. Dejean (1821, p. 112) in the first edition of the catalogue of his beetle collection established the cerambycid genus *Stenoderus* for one species, *Cerambyx abbreviatus* Fabricius, 1801 (p. 275). Since the species was available at the time, the generic name *Stenoderus* is available from Dejean's catalogue. The name has often been credited incorrectly to Audinet-Serville (1835, p. 210). *Cerambyx abbreviatus* Fabricius, 1801 is a junior synonym of *Stenocorus suturalis* Olivier, 1795 (p. 29), which is currently the valid name for the type species of *Stenoderus*. The genus *Stenoderus* includes five species from Australia (see McKeown 1947, pp. 72–73).

3. Blanchard (1845, pp. 163, 177) proposed the family-group name Sténodérites based on the genus *Stenoderus* Dejean, 1821. This vernacular name was not subsequently latinized by authors and simultaneously dated from Blanchard. Therefore the name is unavailable (Article 11.7.2 of the Code).

4. Thomson (1864, p. 138) established the family-group name SYLLITAE based on *Syllitus* Pascoe, 1859. This genus-group name was established for three species, *Stenoderus grammaticus* Newman, 1840, *Stenoderus deustus* Newman, 1841 and *Stenoderus rectus* Newman, 1841. Its type species is *Stenoderus grammaticus* Newman, 1840 (p. 21) by subsequent designation by McKeown (1947, p. 73).

5. Pascoe (1867, p. 311) proposed the family-group name STENODERINAE for the genus *Stenoderus* Dejean, 1821. This name, as STENODERINI, is currently applied to a tribe of the family CERAMBYCIDAE (Scambler, 1993; López-Pérez, 2005; Monné & Hovore 2006; Bousquet et al. 2009; Bouchard et al., 2011; Lawrence & Ślipiński 2013) and includes both *Syllitus* Pascoe, 1859 and *Stenoderus* Dejean, 1821 (Aurivillius, 1912; López-Pérez, 2005).

6. Selander (1991, p. 77) established the family-group name STENODERINI for meloid beetles of the genus *Stenodera* Eschscholtz, 1818. An earlier usage of the family-group name (Selander, 1964) did not meet the requirements for availability since neither description nor bibliographic reference to such a description (Article 13.1) was included. The name STENODERINI is currently considered valid in MELOIDAE (Bologna & Pinto, 2002; Bologna et al., 2002; Bologna, 2008; Bologna et al., 2010; Bologna et al., 2013).

7. The meloid name STENODERINI Selander, 1991 is younger than the cerambycid name STENODERINI Pascoe, 1867 and there is no synonym available to replace it. To remove the homonymy we propose to emend the meloid name STENODERINI to STENODERAINI, leaving the older cerambycid name unaltered.

8. The family-group name SYLLITINI Thomson, 1864 is older than STENODERINI Pascoe, 1867 but has not been used subsequently as valid. Gressitt (1959, p. 85) used SYLLITINI in his key to the New Guinea tribes of CERAMBYCINAE apparently by error since he used CALLIPRASONINI McKeown, 1947 in the text (p. 148). We are unable to find 25 references using STENODERINI Pascoe as a valid name in the immediately preceding 50 years. Therefore the name SYLLITINI Thomson cannot be qualified as a nomen oblitum and STENODERINI as a nomen protectum following Article 23.9.1. Nevertheless we believe that the use of the older name would threaten stability in cerambycid nomenclature.

9. The International Commission on Zoological Nomenclature is accordingly asked:

(1) to use its plenary power to rule that:

(a) for the purposes of Article 29 of the Code the stem of the generic name *Stenodera* Eschscholtz, 1818 is *Stenodera-*;

(b) the family-group name STENODERINI Pascoe, 1867 and other family-group names based on *Stenoderus* Dejean, 1821 are to be given precedence over SYLLITINI Thomson, 1864 and other family-group names based on *Syllitus* Pascoe, 1859, whenever their type genera are placed in the same family-group taxon;

(2) to place on the Official List of Generic Names in Zoology the following names:

(a) *Stenodera* Eschscholtz, 1818 (gender: feminine), type species by monotypy *Stenodera sexpunctata* Eschscholtz, 1818;

(b) *Stenoderus* Dejean, 1821 (gender: masculine), type species by monotypy *Cerambyx abbreviatus* Fabricius, 1801;

(c) *Syllitus* Pascoe, 1859 (gender: masculine), type species by subsequent designation of McKeown (1947) *Stenoderus grammaticus* Newman, 1840;

- (3) to place on the Official List of Specific Names in Zoology the following names:
- (a) *caucasica* Pallas, 1781, as published in the binomen *Meloe caucasica* (valid name of the type species of *Stenoderus* Eschscholtz, 1818);
  - (b) *suturalis* Olivier, 1795, as published in the binomen *Stenocorus suturalis* (valid name of the type species of *Stenoderus* Dejean, 1821);
  - (c) *grammaticus* Newman, 1840, as published in the binomen *Stenoderus grammaticus* (specific name of the type species of *Syllitus* Pascoe, 1859);
- (4) to place on the Official List of Family-Group Names in Zoology the following names:
- (a) STENODERINAE Pascoe, 1867, type genus *Stenoderus* Dejean, 1821 (Insecta, Coleoptera, CERAMBYCIDAE), with the endorsement that it and other family-group names based on *Stenoderus* are to be given precedence over SYLLITAE Thomson, 1864 and other family-group names based on *Syllitus* Pascoe, 1859 whenever their type genera are placed in the same family-group taxon;
  - (b) SYLLITAE Thomson, 1864, type genus *Syllitus* Pascoe, 1859 (Insecta, Coleoptera, CERAMBYCIDAE), with the endorsement that it and other family-group names based on *Syllitus* are not given priority over STENODERINAE Pascoe, 1867 and other family-group names based on *Stenoderus* Dejean, 1821 whenever their type genera are placed in the same family-group taxon;
  - (c) STENODERAINI Selander, 1991, type genus *Stenoderus* Eschscholtz, 1818 (spelling emended by the ruling in (1) above);
- (5) to place on the Official Index of Rejected and Invalid Family-Group Names in Zoology the name STENODERINI Selander, 1991 (spelling emended to STENODERAINI, as ruled in (1) above) (Insecta, Coleoptera, MELOIDAE).

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